

# 180 YEARS OF EXCELLENCE IN AGRICULTURAL SCIENCES IN PISA: THE STATE OF RESEARCH TODAY

29 October 2021

WEBINAR  
ENTER...

Opening session: Prof. **Marcello MELE**  
Director of the Department of Agriculture, Food and Environment;  
University of Pisa

Chair Person: **Manuela GIOVANNETTI**  
Professor Emeritus of Agricultural Microbiology; University of Pisa

Prof. **Iduna ARDUINI** - *From the past: the historical herbarium  
of DAFE*

(9.30) **Daniel ALPIZAR** - *Drivers of food systems that affect  
inequalities and food security and nutrition in transforming food  
systems in Sub-Saharan Africa*

(9.45) **Clarissa CLEMENTE** - *Health-promoting compounds from  
Camelina sativa (L.) Crantz, a promising oilseed crop for the  
Mediterranean region*

(10.00) **Ermes LO PICCOLO** - *New perspectives about fruits with  
high health-related qualities: a possible era of nutrafruit production*

(10.15) **Giacomo PALAI** - *The effect of environmental factors and  
horticultural practices on secondary metabolism in olive fruits and  
grapes*

(10.30) **Martina PUCCINELLI** - *New processes and products for  
greenhouse horticulture*

(10.45-11.00) Break

(11.00) **Gabriele USAI** - *Genomics and breeding of the fig tree, an  
ancient crop with promising perspectives*

(11.15) **Fatma HAMOUDA** - *Agrohydrological sensor- and  
model-based tools for sustainable irrigation management of fruit tree  
orchards*

(11.30) **Michel PIRCHIO** - *Strategies and innovative machines for  
conservative management in organic horticulture*

(11.45) **Priscilla FARINA** - *The PRIMA project Fedkito: from insects  
and plants a green solution to protect fresh fruits and vegetables*

(12.00) **Valeria ZENI** - *Precision agriculture to improve the  
monitoring and management of tomato pests*

(12.15) **Lorenzo COTROZZI** - *Hyperspectral detection and  
monitoring of plant diseases and stress: principles, case studies, and  
perspectives*

(12.30) **Athos PEDRELLI** - *Occurrence and genetic variability of  
grapevine Pinot Gris virus (GPGV) in Chianti Classico vineyards*

(12.45-14.30) Lunch

(14.30) **Michelangelo BECAGLI** - *The use of wood distillate in  
vegetable and fruit production: effects on soil/plant system*

(14.45) **Costanza CECCANTI, Giulia LAURIA** - *A fil rouge  
between photosynthesis and nutraceutical properties*

(15.00) **Marco SANTIN** - *A journey into eco-friendly approaches  
towards super-fruits and vegetables: from sustainable production to  
the best light regime to waste recycling*

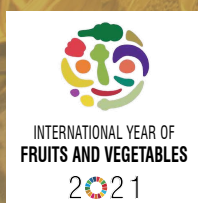
(15.15) **Alessandro BIANCHI** - *Non destructive sensors for grape  
and olive processing*

(15.30) **Michela PALLA** - *Health-promoting phytochemicals as  
affected by beneficial root symbionts and bacteria in fruits and  
vegetables*

(15.45) **Giulia FOGGI** - *By-products and waste from the plant  
supply chain as a source of bioactive compounds in animal nutrition*

(16.00) **Ilaria MARCHIONI** - *Nutraceutical properties and  
conservation of novel functional foods: edible flowers and  
microgreens*

Closing session



Department of Agriculture, Food and Environment  
UNIVERSITY OF PISA